



Mouse Anti-*C. neoformans* Monoclonal antibody, clone 540 (CABT-RM274)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Cryptococcus neoformans
Target	<i>C. neoformans</i>
Isotype	IgG1, kappa
Source/Host	Mouse
Species Reactivity	<i>C. neoformans</i>
Clone	540
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography Product is 0.2 µm filtered.
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Concentration	5.82 mg/mL
Size	1 mg
Buffer	10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4.
Preservative	0.1% Sodium Azide
Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Cryptococcus neoformans is an encapsulated yeast and an obligate aerobe that can live in both plants and animals. Its teleomorph is Filobasidiella neoformans, a filamentous fungus belonging to the class Tremellomycetes. It is often found in bird excrement. Cryptococcus neoformans is an encapsulated fungal organism and it can cause disease in apparently immunocompetent, as well as immunocompromised, hosts.
Keywords	Cryptococcus neoformans; C. neoformans; Cryptococcus; Tremellomycetes